



LVP Automatic Light Inspection Machine (PP bottle)



Automatic visual inspection machine can be applied to various pharmaceutical products, including powder injections, freeze-drying powder injections, small-volume vial/ampoule injections, large-volume glass bottle/plastic bottle IV infusion etc.

The inspection station can be configured according to customer actual needs, and targeted inspection can be configured for various foreign bodies in the solution, filling level, appearance and sealing etc.

During the inner liquid inspection, the inspected product is braked to a standstill during high-speed rotation, and the industrial camera continuously takes pictures to obtain multiple images, which are processed by the visual inspection algorithm independently developed to judge whether the inspected product is qualified.

Automatic rejection of unqualified products. The whole detection process can be traced, and the data is automatically stored.

High quality automatic inspection machine can help customers reduce labor costs, reduce lamp inspection error rate and guarantee the patients' medication safety.

Feature:

1. Automatically complete the equidistant separation into bottles, and automatically eliminate the defective products according to the test results.
2. It can automatically rotate the bottle to be inspected at high speed, which is conducive to the movement of liquid impurities and facilitates the inspection.
3. The visual imaging principle is used to detect and it is more accurate to judge visible foreign matters.

4. PLC HMI operation, touch type LCD control panel.
5. It can detect the defects of rings, bottle bottom black spots and bottle caps.
6. Waterproof structure design is adopted partly, which is convenient for cleaning broken bottle. The broken bottle area can be directly washed with water.

Technical Specifications

Equipment model	IVEN36J/H-150b	IVEN48J/H-200b	IVEN48J/H-300b
Application	50-1,000ml plastic bottle / soft PP bottle		
Inspection items	Fiber, hair, white blocks and other insoluble objects, bubbles, black spots and other appearance defects		
Voltage	AC 380V, 50Hz		
Power	18KW		
Compressed air consumption	0.6MPa, 0.15m ³ /min		
Max production capacity	9,000pcs/h	12,000pcs/h	18,000pcs/h